

National Radiology Data Registry

Physician Report, Mar 2021

Public Facility
(Facility ID: 100853)



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Acknowledgement

In this report all data for the physicians are created using random sample for demonstration purposes only and are not reflective of the performances of the individual NPIs. We are thankful to the following physicians for letting us use their names and NPIs to benefit NRDR and QCDR facilities and physician groups. The names of the physicians and their NPIs that we used for this sample report with their prior permission is listed below:

First Name	Middle Initial	Last Name	Suffix	NPI
BRUCE	J	HILLMAN		1.74033E9
DONALD	P	ROSEN		1.7807E9
JAMES	H	THRALL		1.65935E9
JOHN	R	GEIS		1.37657E9
KEITH		DREYER		1.96249E9
LINCOLN		BERLAND		1.01396E9
VIOLA		CHENG		1.78077E9
WILLIAM	T	THORWARTH	JR.	1.25543E9

Lung Cancer Screening Registry Report from the American College of Radiology

We are pleased to release the Jan-Mar 2021 quarterly Lung Cancer Screening Registry physician reports. The PDF report contains the following:

Section 1: Physician level data, 2021

This section provides a list of LCSR measures calculated for the physicians in your facility. We provide a comparison of your measures with the LCSR registry. Section 3 is provided only for physicians that submitted data during 2021.

Section 2: Physician level data 2020

This section provides a list of LCSR measures calculated for the physicians in your facility. We provide a comparison of your measures with the LCSR registry. Section 4 is provided only for physicians that submitted data during 2020.

We exclude exams without NPI information for the interpreting radiologist as it is a required field for CMS submission, in our role as a CMS approved registry.

Section 1 Physician Report: Exams performed during Jan-Mar 2021

Physician 1013962497: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1013962497)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	8063	.	168013
Appropriateness of screening by USPSTF criteria (%)		91.75	7398 / 8063	91.39	153546 / 168013
Smoking cessation counselling offered (%)		74.15	5979 / 8063	73.95	124240 / 168013
	counselling offered among current smokers (%)	81.30	3740 / 4600	80.46	78370 / 97401
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.16	NA / 7972	3.25	NA / 166231
	underweight (BMI <18.5)(mGy)	2.02	NA / 198	2.33	NA / 4089
	normal (BMI of 18.5-24.9)(mGy)	2.74	NA / 1809	2.54	NA / 37701
	overweight (BMI of 25-29.9)(mGy)	2.76	NA / 2581	3.03	NA / 52736
	obese class I (BMI of 30-34.9)(mGy)	3.43	NA / 1712	3.61	NA / 36213
	obese class II (BMI of 35-39.9)(mGy)	3.69	NA / 765	3.76	NA / 16401
	obese class III (BMI of 40 or greater)(mGy)	3.40	NA / 544	4.03	NA / 11329
	routine chest exam (mGy)	4.18	NA / 73	5.17	NA / 1744
	low dose CT chest exam (mGy)	3.15	NA / 7877	3.23	NA / 163981
Radiation exposure - Mean DLP	Overall	95.20	NA / 7979	94.83	NA / 166159
	underweight (BMI <18.5)(mGy-cm)	67.10	NA / 198	70.25	NA / 4090
	normal (BMI of 18.5-24.9)(mGy-cm)	75.97	NA / 1811	76.00	NA / 37710
	overweight (BMI of 25-29.9)(mGy-cm)	90.69	NA / 2585	89.31	NA / 52750
	obese class I (BMI of 30-34.9)(mGy-cm)	105.03	NA / 1711	104.67	NA / 36215
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 766	1.00	NA / 16399
	obese class III (BMI of 40 or greater)(mGy-cm)	125.36	NA / 544	129.41	NA / 11329
	routine chest exam (mGy-cm)	147.93	NA / 73	164.99	NA / 1753
	low dose CT chest exam (mGy-cm)	94.75	NA / 7883	94.08	NA / 163900
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	12.65	1020 / 8063	13.02	21872 / 168013
	Abnormal Interpretation Rate, at baseline exam (%)	15.57	584 / 3750	16.35	12765 / 78075
	Abnormal Interpretation Rate, at annual exam (%)	9.97	413 / 4142	10.06	8676 / 86253

Physician 1013962497: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1013962497)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Cancer Detection Rate (CDR) per 1000		2.11	17 / 8063	1.75	294 / 168013
	prevalent cancers, detected at baseline exam	2.13	8 / 3750	2.28	178 / 78075
	incident cancers, detected at annual exam	2.17	9 / 4142	1.47	127 / 86253
	stage 0	0	NA / 17	3	NA / 293
	stage IA, IA1, IA2, IA3, IB	52.94	9 / 17	31.06	91 / 293
	stage IIA, IIB	5.88	1 / 17	7.51	22 / 293
	stage IIIA, IIIB, IIIC	17.65	3 / 17	14.33	42 / 293
	stage IV, IVA, IVB	11.76	2 / 17	9.90	29 / 293
	stage unknown	11.76	2 / 17	36.18	106 / 293
	presumptive case	65.22	0 / 0	63.34	306 / 168013
Positive Predictive Value 1 (PPV1)(%)		1.67	17 / 1020	1.34	294 / 21872
	lung cancers detected on percutaneous biopsies (%)	76.92	10 / 13	58.33	140 / 240
	lung cancers detected on bronchoscopies (%)	45.45	5 / 11	46.60	96 / 206
	surgically detected lung cancers (%)	66.67	2 / 3	83.16	79 / 95
Positive Predictive Value 2a (PPV2a) (%)		0.12	1 / 839	0.25	45 / 17778
Positive Predictive Value 2b (PPV2b) (%)		8.84	16 / 181	6.08	249 / 4094
Positive Predictive Value 3 (PPV3) (%)		65.22	15 / 23	63.34	235 / 371

Physician 1255433280: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1255433280)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	8040	.	168013
Appropriateness of screening by USPSTF criteria (%)		91.74	7376 / 8040	91.39	153546 / 168013
Smoking cessation counselling offered (%)		74.35	5978 / 8040	73.95	124240 / 168013
	counselling offered among current smokers (%)	81.19	3729 / 4593	80.46	78370 / 97401
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.43	NA / 7961	3.25	NA / 166231
	underweight (BMI <18.5)(mGy)	2.03	NA / 201	2.33	NA / 4089
	normal (BMI of 18.5-24.9)(mGy)	2.44	NA / 1758	2.54	NA / 37701
	overweight (BMI of 25-29.9)(mGy)	3.64	NA / 2531	3.03	NA / 52736
	obese class I (BMI of 30-34.9)(mGy)	3.67	NA / 1783	3.61	NA / 36213
	obese class II (BMI of 35-39.9)(mGy)	3.87	NA / 779	3.76	NA / 16401
	obese class III (BMI of 40 or greater)(mGy)	3.86	NA / 557	4.03	NA / 11329
	routine chest exam (mGy)	4.97	NA / 82	5.17	NA / 1744
	low dose CT chest exam (mGy)	3.41	NA / 7856	3.23	NA / 163981
Radiation exposure - Mean DLP	Overall	94.46	NA / 7960	94.83	NA / 166159
	underweight (BMI <18.5)(mGy-cm)	71.01	NA / 201	70.25	NA / 4090
	normal (BMI of 18.5-24.9)(mGy-cm)	74.06	NA / 1758	76.00	NA / 37710
	overweight (BMI of 25-29.9)(mGy-cm)	88.26	NA / 2532	89.31	NA / 52750
	obese class I (BMI of 30-34.9)(mGy-cm)	106.11	NA / 1784	104.67	NA / 36215
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 780	1.00	NA / 16399
	obese class III (BMI of 40 or greater)(mGy-cm)	133.29	NA / 558	129.41	NA / 11329
	routine chest exam (mGy-cm)	171.92	NA / 82	164.99	NA / 1753
	low dose CT chest exam (mGy-cm)	93.65	NA / 7855	94.08	NA / 163900
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	12.65	1017 / 8040	13.02	21872 / 168013
	Abnormal Interpretation Rate, at baseline exam (%)	15.88	588 / 3703	16.35	12765 / 78075

Physician 1255433280: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1255433280)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Abnormal Interpretation Rate, at annual exam (%)		9.93	413 / 4160	10.06	8676 / 86253
Cancer Detection Rate (CDR) per 1000		1.99	16 / 8040	1.75	294 / 168013
	prevalent cancers, detected at baseline exam	3.24	12 / 3703	2.28	178 / 78075
	incident cancers, detected at annual exam	0.96	4 / 4160	1.47	127 / 86253
	stage 0	0	NA / 17	3	NA / 293
	stage IA, IA1, IA2, IA3, IB	41.18	7 / 17	31.06	91 / 293
	stage IIA, IIB	5.88	1 / 17	7.51	22 / 293
	stage IIIA, IIIB, IIIC	11.76	2 / 17	14.33	42 / 293
	stage IV, IVA, IVB	11.76	2 / 17	9.90	29 / 293
	stage unknown	29.41	5 / 17	36.18	106 / 293
	presumptive case	68.75	0 / 0	63.34	306 / 168013
Positive Predictive Value 1 (PPV1)(%)		1.57	16 / 1017	1.34	294 / 21872
	lung cancers detected on percutaneous biopsies (%)	75.00	9 / 12	58.33	140 / 240
	lung cancers detected on bronchoscopies (%)	44.44	4 / 9	46.60	96 / 206
	surgically detected lung cancers (%)	100.00	6 / 6	83.16	79 / 95
Positive Predictive Value 2a (PPV2a) (%)		0.60	5 / 835	0.25	45 / 17778
Positive Predictive Value 2b (PPV2b) (%)		6.04	11 / 182	6.08	249 / 4094
Positive Predictive Value 3 (PPV3) (%)		68.75	11 / 16	63.34	235 / 371

Physician 1376568014: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1376568014)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	8160	.	168013
Appropriateness of screening by USPSTF criteria (%)		91.48	7465 / 8160	91.39	153546 / 168013
Smoking cessation counselling offered (%)		74.41	6072 / 8160	73.95	124240 / 168013
	counselling offered among current smokers (%)	81.28	3869 / 4760	80.46	78370 / 97401
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.23	NA / 8071	3.25	NA / 166231
	underweight (BMI <18.5)(mGy)	2.04	NA / 190	2.33	NA / 4089
	normal (BMI of 18.5-24.9)(mGy)	2.40	NA / 1824	2.54	NA / 37701
	overweight (BMI of 25-29.9)(mGy)	3.42	NA / 2544	3.03	NA / 52736
	obese class I (BMI of 30-34.9)(mGy)	3.38	NA / 1768	3.61	NA / 36213
	obese class II (BMI of 35-39.9)(mGy)	3.25	NA / 814	3.76	NA / 16401
	obese class III (BMI of 40 or greater)(mGy)	3.50	NA / 567	4.03	NA / 11329
	routine chest exam (mGy)	5.46	NA / 88	5.17	NA / 1744
	low dose CT chest exam (mGy)	3.21	NA / 7952	3.23	NA / 163981
Radiation exposure - Mean DLP	Overall	95.96	NA / 8069	94.83	NA / 166159
	underweight (BMI <18.5)(mGy-cm)	75.07	NA / 190	70.25	NA / 4090
	normal (BMI of 18.5-24.9)(mGy-cm)	77.31	NA / 1823	76.00	NA / 37710
	overweight (BMI of 25-29.9)(mGy-cm)	87.10	NA / 2547	89.31	NA / 52750
	obese class I (BMI of 30-34.9)(mGy-cm)	108.49	NA / 1770	104.67	NA / 36215
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 814	1.00	NA / 16399
	obese class III (BMI of 40 or greater)(mGy-cm)	124.36	NA / 567	129.41	NA / 11329
	routine chest exam (mGy-cm)	189.53	NA / 89	164.99	NA / 1753
	low dose CT chest exam (mGy-cm)	94.93	NA / 7949	94.08	NA / 163900
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	12.52	1022 / 8160	13.02	21872 / 168013
	Abnormal Interpretation Rate, at baseline exam (%)	15.83	592 / 3740	16.35	12765 / 78075

Physician 1376568014: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1376568014)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Abnormal Interpretation Rate, at annual exam (%)		9.78	414 / 4234	10.06	8676 / 86253
Cancer Detection Rate (CDR) per 1000		1.35	11 / 8160	1.75	294 / 168013
	prevalent cancers, detected at baseline exam	1.87	7 / 3740	2.28	178 / 78075
	incident cancers, detected at annual exam	1.42	6 / 4234	1.47	127 / 86253
	stage 0	0	NA / 11	3	NA / 293
	stage IA, IA1, IA2, IA3, IB	18.18	2 / 11	31.06	91 / 293
	stage IIA, IIB	18.18	2 / 11	7.51	22 / 293
	stage IIIA, IIIB, IIIC	18.18	2 / 11	14.33	42 / 293
	stage IV, IVA, IVB	27.27	3 / 11	9.90	29 / 293
	stage unknown	18.18	2 / 11	36.18	106 / 293
	presumptive case	66.67	0 / 0	63.34	306 / 168013
Positive Predictive Value 1 (PPV1)(%)		1.08	11 / 1022	1.34	294 / 21872
	lung cancers detected on percutaneous biopsies (%)	30.00	3 / 10	58.33	140 / 240
	lung cancers detected on bronchoscopies (%)	50.00	5 / 10	46.60	96 / 206
	surgically detected lung cancers (%)	75.00	3 / 4	83.16	79 / 95
Positive Predictive Value 2a (PPV2a) (%)		0.12	1 / 806	0.25	45 / 17778
Positive Predictive Value 2b (PPV2b) (%)		4.63	10 / 216	6.08	249 / 4094
Positive Predictive Value 3 (PPV3) (%)		66.67	10 / 15	63.34	235 / 371

Physician 1740332030: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1740332030)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	8105	.	168013
Appropriateness of screening by USPSTF criteria (%)		91.73	7435 / 8105	91.39	153546 / 168013
Smoking cessation counselling offered (%)		74.29	6021 / 8105	73.95	124240 / 168013
	counselling offered among current smokers (%)	80.76	3787 / 4689	80.46	78370 / 97401
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.41	NA / 8025	3.25	NA / 166231
	underweight (BMI <18.5)(mGy)	2.45	NA / 210	2.33	NA / 4089
	normal (BMI of 18.5-24.9)(mGy)	2.89	NA / 1809	2.54	NA / 37701
	overweight (BMI of 25-29.9)(mGy)	3.26	NA / 2539	3.03	NA / 52736
	obese class I (BMI of 30-34.9)(mGy)	3.71	NA / 1697	3.61	NA / 36213
	obese class II (BMI of 35-39.9)(mGy)	3.89	NA / 822	3.76	NA / 16401
	obese class III (BMI of 40 or greater)(mGy)	3.80	NA / 573	4.03	NA / 11329
	routine chest exam (mGy)	6.49	NA / 80	5.17	NA / 1744
	low dose CT chest exam (mGy)	3.38	NA / 7923	3.23	NA / 163981
Radiation exposure - Mean DLP	Overall	95.38	NA / 8019	94.83	NA / 166159
	underweight (BMI <18.5)(mGy-cm)	71.14	NA / 211	70.25	NA / 4090
	normal (BMI of 18.5-24.9)(mGy-cm)	79.45	NA / 1812	76.00	NA / 37710
	overweight (BMI of 25-29.9)(mGy-cm)	88.66	NA / 2540	89.31	NA / 52750
	obese class I (BMI of 30-34.9)(mGy-cm)	105.33	NA / 1693	104.67	NA / 36215
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 823	1.00	NA / 16399
	obese class III (BMI of 40 or greater)(mGy-cm)	127.60	NA / 573	129.41	NA / 11329
	routine chest exam (mGy-cm)	150.54	NA / 80	164.99	NA / 1753
	low dose CT chest exam (mGy-cm)	94.83	NA / 7917	94.08	NA / 163900
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	13.09	1061 / 8105	13.02	21872 / 168013
	Abnormal Interpretation Rate, at baseline exam (%)	16.18	626 / 3869	16.35	12765 / 78075

Physician 1740332030: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1740332030)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Abnormal Interpretation Rate, at annual exam (%)		10.17	413 / 4061	10.06	8676 / 86253
Cancer Detection Rate (CDR) per 1000		2.10	17 / 8105	1.75	294 / 168013
	prevalent cancers, detected at baseline exam	2.33	9 / 3869	2.28	178 / 78075
	incident cancers, detected at annual exam	1.97	8 / 4061	1.47	127 / 86253
	stage 0	0	NA / 19	3	NA / 293
	stage IA, IA1, IA2, IA3, IB	21.05	4 / 19	31.06	91 / 293
	stage IIA, IIB	5.26	1 / 19	7.51	22 / 293
	stage IIIA, IIIB, IIIC	15.79	3 / 19	14.33	42 / 293
	stage IV, IVA, IVB	10.53	2 / 19	9.90	29 / 293
	stage unknown	47.37	9 / 19	36.18	106 / 293
	presumptive case	77.78	0 / 0	63.34	306 / 168013
Positive Predictive Value 1 (PPV1)(%)		1.60	17 / 1061	1.34	294 / 21872
	lung cancers detected on percutaneous biopsies (%)	75.00	9 / 12	58.33	140 / 240
	lung cancers detected on bronchoscopies (%)	66.67	6 / 9	46.60	96 / 206
	surgically detected lung cancers (%)	100.00	3 / 3	83.16	79 / 95
Positive Predictive Value 2a (PPV2a) (%)		0.35	3 / 858	0.25	45 / 17778
Positive Predictive Value 2b (PPV2b) (%)		6.90	14 / 203	6.08	249 / 4094
Positive Predictive Value 3 (PPV3) (%)		77.78	14 / 18	63.34	235 / 371

Physician 1780697441: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1780697441)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	7988	.	168013
Appropriateness of screening by USPSTF criteria (%)		90.70	7245 / 7988	91.39	153546 / 168013
Smoking cessation counselling offered (%)		74.40	5943 / 7988	73.95	124240 / 168013
	counselling offered among current smokers (%)	80.41	3723 / 4630	80.46	78370 / 97401
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.18	NA / 7901	3.25	NA / 166231
	underweight (BMI <18.5)(mGy)	2.11	NA / 199	2.33	NA / 4089
	normal (BMI of 18.5-24.9)(mGy)	2.39	NA / 1733	2.54	NA / 37701
	overweight (BMI of 25-29.9)(mGy)	2.91	NA / 2532	3.03	NA / 52736
	obese class I (BMI of 30-34.9)(mGy)	3.73	NA / 1734	3.61	NA / 36213
	obese class II (BMI of 35-39.9)(mGy)	3.17	NA / 731	3.76	NA / 16401
	obese class III (BMI of 40 or greater)(mGy)	4.70	NA / 579	4.03	NA / 11329
	routine chest exam (mGy)	4.62	NA / 76	5.17	NA / 1744
	low dose CT chest exam (mGy)	3.17	NA / 7804	3.23	NA / 163981
Radiation exposure - Mean DLP	Overall	95.97	NA / 7891	94.83	NA / 166159
	underweight (BMI <18.5)(mGy-cm)	71.57	NA / 201	70.25	NA / 4090
	normal (BMI of 18.5-24.9)(mGy-cm)	75.70	NA / 1731	76.00	NA / 37710
	overweight (BMI of 25-29.9)(mGy-cm)	91.38	NA / 2527	89.31	NA / 52750
	obese class I (BMI of 30-34.9)(mGy-cm)	105.18	NA / 1734	104.67	NA / 36215
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 733	1.00	NA / 16399
	obese class III (BMI of 40 or greater)(mGy-cm)	135.07	NA / 579	129.41	NA / 11329
	routine chest exam (mGy-cm)	157.59	NA / 77	164.99	NA / 1753
	low dose CT chest exam (mGy-cm)	95.38	NA / 7793	94.08	NA / 163900
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	12.76	1019 / 7988	13.02	21872 / 168013
	Abnormal Interpretation Rate, at baseline exam (%)	16.62	614 / 3695	16.35	12765 / 78075

Physician 1780697441: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1780697441)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Abnormal Interpretation Rate, at annual exam (%)		9.21	379 / 4117	10.06	8676 / 86253
Cancer Detection Rate (CDR) per 1000		1.25	10 / 7988	1.75	294 / 168013
	prevalent cancers, detected at baseline exam	1.89	7 / 3695	2.28	178 / 78075
	incident cancers, detected at annual exam	0.97	4 / 4117	1.47	127 / 86253
	stage 0	0	NA / 9	3	NA / 293
	stage IA, IA1, IA2, IA3, IB	33.33	3 / 9	31.06	91 / 293
	stage IIA, IIB	0.00	0 / 9	7.51	22 / 293
	stage IIIA, IIIB, IIIC	0.00	0 / 9	14.33	42 / 293
	stage IV, IVA, IVB	22.22	2 / 9	9.90	29 / 293
	stage unknown	44.44	4 / 9	36.18	106 / 293
	presumptive case	53.85	0 / 0	63.34	306 / 168013
Positive Predictive Value 1 (PPV1)(%)		0.98	10 / 1019	1.34	294 / 21872
	lung cancers detected on percutaneous biopsies (%)	80.00	4 / 5	58.33	140 / 240
	lung cancers detected on bronchoscopies (%)	50.00	6 / 12	46.60	96 / 206
	surgically detected lung cancers (%)	0.00	0 / 1	83.16	79 / 95
Positive Predictive Value 2a (PPV2a) (%)		0.24	2 / 822	0.25	45 / 17778
Positive Predictive Value 2b (PPV2b) (%)		4.06	8 / 197	6.08	249 / 4094
Positive Predictive Value 3 (PPV3) (%)		53.85	7 / 13	63.34	235 / 371

Physician 1780766014: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1780766014)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	10050	.	168013
Appropriateness of screening by USPSTF criteria (%)		90.92	9137 / 10050	91.39	153546 / 168013
Smoking cessation counselling offered (%)		74.46	7483 / 10050	73.95	124240 / 168013
	counselling offered among current smokers (%)	81.09	4701 / 5797	80.46	78370 / 97401
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.22	NA / 9949	3.25	NA / 166231
	underweight (BMI <18.5)(mGy)	2.95	NA / 218	2.33	NA / 4089
	normal (BMI of 18.5-24.9)(mGy)	2.39	NA / 2253	2.54	NA / 37701
	overweight (BMI of 25-29.9)(mGy)	3.20	NA / 3181	3.03	NA / 52736
	obese class I (BMI of 30-34.9)(mGy)	3.28	NA / 2201	3.61	NA / 36213
	obese class II (BMI of 35-39.9)(mGy)	3.76	NA / 977	3.76	NA / 16401
	obese class III (BMI of 40 or greater)(mGy)	4.39	NA / 677	4.03	NA / 11329
	routine chest exam (mGy)	6.66	NA / 116	5.17	NA / 1744
	low dose CT chest exam (mGy)	3.19	NA / 9797	3.23	NA / 163981
Radiation exposure - Mean DLP	Overall	94.68	NA / 9944	94.83	NA / 166159
	underweight (BMI <18.5)(mGy-cm)	71.60	NA / 218	70.25	NA / 4090
	normal (BMI of 18.5-24.9)(mGy-cm)	77.19	NA / 2250	76.00	NA / 37710
	overweight (BMI of 25-29.9)(mGy-cm)	88.32	NA / 3183	89.31	NA / 52750
	obese class I (BMI of 30-34.9)(mGy-cm)	105.20	NA / 2203	104.67	NA / 36215
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 977	1.00	NA / 16399
	obese class III (BMI of 40 or greater)(mGy-cm)	126.26	NA / 676	129.41	NA / 11329
	routine chest exam (mGy-cm)	163.56	NA / 117	164.99	NA / 1753
	low dose CT chest exam (mGy-cm)	93.87	NA / 9791	94.08	NA / 163900
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	13.13	1320 / 10050	13.02	21872 / 168013
	Abnormal Interpretation Rate, at baseline exam (%)	16.77	778 / 4640	16.35	12765 / 78075

Physician 1780766014: National Comparison
Exams performed during during Jan-Mar 2021

		2021			
Measure		Physician (1780766014)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Abnormal Interpretation Rate, at annual exam (%)		9.96	514 / 5163	10.06	8676 / 86253
Cancer Detection Rate (CDR) per 1000		1.69	17 / 10050	1.75	294 / 168013
	prevalent cancers, detected at baseline exam	2.59	12 / 4640	2.28	178 / 78075
	incident cancers, detected at annual exam	1.36	7 / 5163	1.47	127 / 86253
	stage 0	1	NA / 18	3	NA / 293
	stage IA, IA1, IA2, IA3, IB	16.67	3 / 18	31.06	91 / 293
	stage IIA, IIB	11.11	2 / 18	7.51	22 / 293
	stage IIIA, IIIB, IIIC	5.56	1 / 18	14.33	42 / 293
	stage IV, IVA, IVB	5.56	1 / 18	9.90	29 / 293
	stage unknown	55.56	10 / 18	36.18	106 / 293
	presumptive case	54.17	0 / 0	63.34	306 / 168013
Positive Predictive Value 1 (PPV1)(%)		1.29	17 / 1320	1.34	294 / 21872
	lung cancers detected on percutaneous biopsies (%)	60.00	12 / 20	58.33	140 / 240
	lung cancers detected on bronchoscopies (%)	26.67	4 / 15	46.60	96 / 206
	surgically detected lung cancers (%)	100.00	3 / 3	83.16	79 / 95
Positive Predictive Value 2a (PPV2a) (%)		0.28	3 / 1073	0.25	45 / 17778
Positive Predictive Value 2b (PPV2b) (%)		5.67	14 / 247	6.08	249 / 4094
Positive Predictive Value 3 (PPV3) (%)		54.17	13 / 24	63.34	235 / 371

Section 2 Physician Report: Exams performed during Jan-Dec 2020 with follow up through Mar 2021

Physician 1013962497: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1013962497)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	31507	.	652366
Appropriateness of screening by USPSTF criteria (%)		91.36	28784 / 31507	91.18	594859 / 652366
Smoking cessation counselling offered (%)		75.44	23768 / 31507	75.18	490437 / 652366
	counselling offered among current smokers (%)	81.71	14778 / 18085	81.70	303845 / 371922
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.41	NA / 31106	3.34	NA / 643835
	underweight (BMI <18.5)(mGy)	2.60	NA / 788	2.47	NA / 15587
	normal (BMI of 18.5-24.9)(mGy)	2.57	NA / 7385	2.61	NA / 152473
	overweight (BMI of 25-29.9)(mGy)	3.14	NA / 9871	3.14	NA / 203420
	obese class I (BMI of 30-34.9)(mGy)	3.83	NA / 6534	3.76	NA / 135686
Radiation exposure - Mean DLP	Overall	93.71	NA / 31146	94.67	NA / 644565
	underweight (BMI <18.5)(mGy-cm)	69.70	NA / 789	70.62	NA / 15624
	normal (BMI of 18.5-24.9)(mGy-cm)	75.90	NA / 7397	76.81	NA / 152692
	overweight (BMI of 25-29.9)(mGy-cm)	88.39	NA / 9886	89.30	NA / 203641
	obese class I (BMI of 30-34.9)(mGy-cm)	103.67	NA / 6540	104.68	NA / 135827
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	13.44	4234 / 31507	13.58	88610 / 652366
	Abnormal Interpretation Rate, at baseline exam (%)	16.33	2478 / 15171	16.61	51723 / 311480
	Abnormal Interpretation Rate, at annual exam (%)	10.70	1680 / 15699	10.69	35028 / 327777
Cancer Detection Rate (CDR) per 1000		2.89	91 / 31507	2.82	1842 / 652366
	prevalent cancers, detected at baseline exam	4.09	62 / 15171	3.47	1081 / 311480
	incident cancers, detected at annual exam	2.17	34 / 15699	2.49	815 / 327777
Positive Predictive Value 1 (PPV1)(%)		2.15	91 / 4234	2.08	1842 / 88610
	lung cancers detected on percutaneous biopsies (%)	56.94	41 / 72	60.09	843 / 1403
	lung cancers detected on bronchoscopies (%)	56.52	26 / 46	49.27	504 / 1023
	surgically detected lung cancers (%)	94.44	34 / 36	81.89	701 / 856
Positive Predictive Value 2a (PPV2a) (%)		0.55	19 / 3433	0.67	480 / 72057

Physician 1013962497: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1013962497)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Positive Predictive Value 2b (PPV2b) (%)		8.99	72 / 801	8.23	1362 / 16553
Positive Predictive Value 3 (PPV3) (%)		64.49	69 / 107	65.01	1312 / 2018
	presumptive case	64.49	0 / 0	65.01	1924 / 652366
	routine chest exam (mGy)	4.40	NA / 463	4.66	NA / 9214
	routine chest exam (mGy-cm)	148.69	NA / 465	141.72	NA / 9239
	low dose CT chest exam (mGy)	3.40	NA / 30467	3.33	NA / 630897
	low dose CT chest exam (mGy-cm)	92.84	NA / 30505	94.00	NA / 631603
	stage 0	1	NA / 92	17	NA / 1925
	stage IA, IA1, IA2, IA3, IB	39.13	36 / 92	38.65	744 / 1925
	stage IIA, IIB	7.61	7 / 92	8.05	155 / 1925
	stage IIIA, IIIB, IIIC	13.04	12 / 92	14.18	273 / 1925
	stage IV, IVA, IVB	8.70	8 / 92	9.61	185 / 1925
	stage unknown	30.43	28 / 92	28.62	551 / 1925
	obese class II (BMI of 35-39.9)(mGy)	4.32	NA / 2984	3.76	NA / 61063
	obese class III (BMI of 40 or greater)(mGy)	4.67	NA / 1988	4.36	NA / 41914
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 2986	1.00	NA / 61109
	obese class III (BMI of 40 or greater)(mGy-cm)	127.23	NA / 1989	129.63	NA / 41947

Physician 1255433280: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1255433280)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	31524	.	652366
Appropriateness of screening by USPSTF criteria (%)		91.04	28699 / 31524	91.18	594859 / 652366
Smoking cessation counselling offered (%)		74.78	23573 / 31524	75.18	490437 / 652366
	counselling offered among current smokers (%)	81.13	14576 / 17966	81.70	303845 / 371922
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.34	NA / 31092	3.34	NA / 643835
	underweight (BMI <18.5)(mGy)	2.26	NA / 762	2.47	NA / 15587
	normal (BMI of 18.5-24.9)(mGy)	2.62	NA / 7385	2.61	NA / 152473
	overweight (BMI of 25-29.9)(mGy)	3.27	NA / 9946	3.14	NA / 203420
	obese class I (BMI of 30-34.9)(mGy)	3.55	NA / 6415	3.76	NA / 135686
Radiation exposure - Mean DLP	Overall	94.59	NA / 31124	94.67	NA / 644565
	underweight (BMI <18.5)(mGy-cm)	70.52	NA / 765	70.62	NA / 15624
	normal (BMI of 18.5-24.9)(mGy-cm)	75.56	NA / 7396	76.81	NA / 152692
	overweight (BMI of 25-29.9)(mGy-cm)	90.71	NA / 9956	89.30	NA / 203641
	obese class I (BMI of 30-34.9)(mGy-cm)	104.98	NA / 6418	104.68	NA / 135827
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	13.63	4297 / 31524	13.58	88610 / 652366
	Abnormal Interpretation Rate, at baseline exam (%)	16.51	2482 / 15030	16.61	51723 / 311480
	Abnormal Interpretation Rate, at annual exam (%)	10.78	1711 / 15873	10.69	35028 / 327777
Cancer Detection Rate (CDR) per 1000		2.92	92 / 31524	2.82	1842 / 652366
	prevalent cancers, detected at baseline exam	4.06	61 / 15030	3.47	1081 / 311480
	incident cancers, detected at annual exam	1.70	27 / 15873	2.49	815 / 327777
Positive Predictive Value 1 (PPV1)(%)		2.14	92 / 4297	2.08	1842 / 88610
	lung cancers detected on percutaneous biopsies (%)	62.32	43 / 69	60.09	843 / 1403
	lung cancers detected on bronchoscopies (%)	55.56	30 / 54	49.27	504 / 1023
	surgically detected lung cancers (%)	75.76	25 / 33	81.89	701 / 856

Physician 1255433280: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1255433280)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Positive Predictive Value 2a (PPV2a) (%)		0.63	22 / 3465	0.67	480 / 72057
Positive Predictive Value 2b (PPV2b) (%)		8.41	70 / 832	8.23	1362 / 16553
Positive Predictive Value 3 (PPV3) (%)		68.75	66 / 96	65.01	1312 / 2018
	presumptive case	68.75	0 / 0	65.01	1924 / 652366
	routine chest exam (mGy)	3.78	NA / 447	4.66	NA / 9214
	routine chest exam (mGy-cm)	127.88	NA / 447	141.72	NA / 9239
	low dose CT chest exam (mGy)	3.34	NA / 30470	3.33	NA / 630897
	low dose CT chest exam (mGy-cm)	94.13	NA / 30502	94.00	NA / 631603
	stage 0	1	NA / 91	17	NA / 1925
	stage IA, IA1, IA2, IA3, IB	27.47	25 / 91	38.65	744 / 1925
	stage IIA, IIB	9.89	9 / 91	8.05	155 / 1925
	stage IIIA, IIIB, IIIC	19.78	18 / 91	14.18	273 / 1925
	stage IV, IVA, IVB	13.19	12 / 91	9.61	185 / 1925
	stage unknown	28.57	26 / 91	28.62	551 / 1925
	obese class II (BMI of 35-39.9)(mGy)	3.59	NA / 2902	3.76	NA / 61063
	obese class III (BMI of 40 or greater)(mGy)	4.84	NA / 2004	4.36	NA / 41914
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 2899	1.00	NA / 61109
	obese class III (BMI of 40 or greater)(mGy-cm)	128.62	NA / 2005	129.63	NA / 41947

Physician 1376568014: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1376568014)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	31163	.	652366
Appropriateness of screening by USPSTF criteria (%)		91.32	28459 / 31163	91.18	594859 / 652366
Smoking cessation counselling offered (%)		75.31	23469 / 31163	75.18	490437 / 652366
	counselling offered among current smokers (%)	82.21	14627 / 17793	81.70	303845 / 371922
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.32	NA / 30729	3.34	NA / 643835
	underweight (BMI <18.5)(mGy)	2.90	NA / 693	2.47	NA / 15587
	normal (BMI of 18.5-24.9)(mGy)	2.64	NA / 7294	2.61	NA / 152473
	overweight (BMI of 25-29.9)(mGy)	3.00	NA / 9780	3.14	NA / 203420
	obese class I (BMI of 30-34.9)(mGy)	3.74	NA / 6456	3.76	NA / 135686
Radiation exposure - Mean DLP	Overall	95.58	NA / 30768	94.67	NA / 644565
	underweight (BMI <18.5)(mGy-cm)	72.61	NA / 698	70.62	NA / 15624
	normal (BMI of 18.5-24.9)(mGy-cm)	77.91	NA / 7316	76.81	NA / 152692
	overweight (BMI of 25-29.9)(mGy-cm)	89.67	NA / 9785	89.30	NA / 203641
	obese class I (BMI of 30-34.9)(mGy-cm)	105.42	NA / 6466	104.68	NA / 135827
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	13.46	4195 / 31163	13.58	88610 / 652366
	Abnormal Interpretation Rate, at baseline exam (%)	16.60	2471 / 14890	16.61	51723 / 311480
	Abnormal Interpretation Rate, at annual exam (%)	10.48	1637 / 15616	10.69	35028 / 327777
Cancer Detection Rate (CDR) per 1000		2.60	81 / 31163	2.82	1842 / 652366
	prevalent cancers, detected at baseline exam	2.89	43 / 14890	3.47	1081 / 311480
	incident cancers, detected at annual exam	2.43	38 / 15616	2.49	815 / 327777
Positive Predictive Value 1 (PPV1)(%)		1.93	81 / 4195	2.08	1842 / 88610
	lung cancers detected on percutaneous biopsies (%)	60.94	39 / 64	60.09	843 / 1403
	lung cancers detected on bronchoscopies (%)	38.64	17 / 44	49.27	504 / 1023
	surgically detected lung cancers (%)	88.89	32 / 36	81.89	701 / 856

Physician 1376568014: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1376568014)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Positive Predictive Value 2a (PPV2a) (%)		0.58	20 / 3464	0.67	480 / 72057
Positive Predictive Value 2b (PPV2b) (%)		8.34	61 / 731	8.23	1362 / 16553
Positive Predictive Value 3 (PPV3) (%)		66.29	59 / 89	65.01	1312 / 2018
	presumptive case	66.29	0 / 0	65.01	1924 / 652366
	routine chest exam (mGy)	5.60	NA / 441	4.66	NA / 9214
	routine chest exam (mGy-cm)	139.46	NA / 441	141.72	NA / 9239
	low dose CT chest exam (mGy)	3.28	NA / 30077	3.33	NA / 630897
	low dose CT chest exam (mGy-cm)	94.94	NA / 30116	94.00	NA / 631603
	stage 0	1	NA / 86	17	NA / 1925
	stage IA, IA1, IA2, IA3, IB	37.21	32 / 86	38.65	744 / 1925
	stage IIA, IIB	2.33	2 / 86	8.05	155 / 1925
	stage IIIA, IIIB, IIIC	16.28	14 / 86	14.18	273 / 1925
	stage IV, IVA, IVB	10.47	9 / 86	9.61	185 / 1925
	stage unknown	32.56	28 / 86	28.62	551 / 1925
	obese class II (BMI of 35-39.9)(mGy)	4.14	NA / 2838	3.76	NA / 61063
	obese class III (BMI of 40 or greater)(mGy)	4.25	NA / 2011	4.36	NA / 41914
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 2843	1.00	NA / 61109
	obese class III (BMI of 40 or greater)(mGy-cm)	131.99	NA / 2013	129.63	NA / 41947

Physician 1740332030: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1740332030)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	31080	.	652366
Appropriateness of screening by USPSTF criteria (%)		91.06	28302 / 31080	91.18	594859 / 652366
Smoking cessation counselling offered (%)		75.27	23393 / 31080	75.18	490437 / 652366
	counselling offered among current smokers (%)	81.67	14349 / 17570	81.70	303845 / 371922
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.41	NA / 30680	3.34	NA / 643835
	underweight (BMI <18.5)(mGy)	2.57	NA / 734	2.47	NA / 15587
	normal (BMI of 18.5-24.9)(mGy)	2.71	NA / 7312	2.61	NA / 152473
	overweight (BMI of 25-29.9)(mGy)	3.14	NA / 9684	3.14	NA / 203420
	obese class I (BMI of 30-34.9)(mGy)	3.74	NA / 6500	3.76	NA / 135686
Radiation exposure - Mean DLP	Overall	94.52	NA / 30714	94.67	NA / 644565
	underweight (BMI <18.5)(mGy-cm)	70.64	NA / 735	70.62	NA / 15624
	normal (BMI of 18.5-24.9)(mGy-cm)	79.18	NA / 7325	76.81	NA / 152692
	overweight (BMI of 25-29.9)(mGy-cm)	88.00	NA / 9690	89.30	NA / 203641
	obese class I (BMI of 30-34.9)(mGy-cm)	103.87	NA / 6507	104.68	NA / 135827
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	13.63	4235 / 31080	13.58	88610 / 652366
	Abnormal Interpretation Rate, at baseline exam (%)	16.46	2423 / 14723	16.61	51723 / 311480
	Abnormal Interpretation Rate, at annual exam (%)	10.97	1732 / 15783	10.69	35028 / 327777
Cancer Detection Rate (CDR) per 1000		3.06	95 / 31080	2.82	1842 / 652366
	prevalent cancers, detected at baseline exam	3.33	49 / 14723	3.47	1081 / 311480
	incident cancers, detected at annual exam	3.10	49 / 15783	2.49	815 / 327777
Positive Predictive Value 1 (PPV1)(%)		2.24	95 / 4235	2.08	1842 / 88610
	lung cancers detected on percutaneous biopsies (%)	74.19	46 / 62	60.09	843 / 1403
	lung cancers detected on bronchoscopies (%)	48.00	24 / 50	49.27	504 / 1023
	surgically detected lung cancers (%)	85.71	36 / 42	81.89	701 / 856

Physician 1740332030: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1740332030)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Positive Predictive Value 2a (PPV2a) (%)		0.76	26 / 3438	0.67	480 / 72057
Positive Predictive Value 2b (PPV2b) (%)		8.66	69 / 797	8.23	1362 / 16553
Positive Predictive Value 3 (PPV3) (%)		72.34	68 / 94	65.01	1312 / 2018
	presumptive case	72.34	0 / 0	65.01	1924 / 652366
	routine chest exam (mGy)	3.95	NA / 445	4.66	NA / 9214
	routine chest exam (mGy-cm)	155.20	NA / 446	141.72	NA / 9239
	low dose CT chest exam (mGy)	3.41	NA / 30086	3.33	NA / 630897
	low dose CT chest exam (mGy-cm)	93.64	NA / 30120	94.00	NA / 631603
	stage 0	1	NA / 98	17	NA / 1925
	stage IA, IA1, IA2, IA3, IB	44.90	44 / 98	38.65	744 / 1925
	stage IIA, IIB	9.18	9 / 98	8.05	155 / 1925
	stage IIIA, IIIB, IIIC	16.33	16 / 98	14.18	273 / 1925
	stage IV, IVA, IVB	8.16	8 / 98	9.61	185 / 1925
	stage unknown	20.41	20 / 98	28.62	551 / 1925
	obese class II (BMI of 35-39.9)(mGy)	3.86	NA / 2842	3.76	NA / 61063
	obese class III (BMI of 40 or greater)(mGy)	5.12	NA / 1988	4.36	NA / 41914
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 2843	1.00	NA / 61109
	obese class III (BMI of 40 or greater)(mGy-cm)	129.68	NA / 1988	129.63	NA / 41947

Physician 1780697441: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1780697441)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	31416	.	652366
Appropriateness of screening by USPSTF criteria (%)		90.94	28571 / 31416	91.18	594859 / 652366
Smoking cessation counselling offered (%)		75.08	23586 / 31416	75.18	490437 / 652366
	counselling offered among current smokers (%)	81.84	14528 / 17751	81.70	303845 / 371922
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.32	NA / 31012	3.34	NA / 643835
	underweight (BMI <18.5)(mGy)	2.17	NA / 717	2.47	NA / 15587
	normal (BMI of 18.5-24.9)(mGy)	2.56	NA / 7339	2.61	NA / 152473
	overweight (BMI of 25-29.9)(mGy)	3.24	NA / 9752	3.14	NA / 203420
	obese class I (BMI of 30-34.9)(mGy)	3.69	NA / 6531	3.76	NA / 135686
Radiation exposure - Mean DLP	Overall	95.82	NA / 31031	94.67	NA / 644565
	underweight (BMI <18.5)(mGy-cm)	72.15	NA / 719	70.62	NA / 15624
	normal (BMI of 18.5-24.9)(mGy-cm)	77.56	NA / 7340	76.81	NA / 152692
	overweight (BMI of 25-29.9)(mGy-cm)	89.25	NA / 9762	89.30	NA / 203641
	obese class I (BMI of 30-34.9)(mGy-cm)	106.58	NA / 6532	104.68	NA / 135827
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	13.54	4253 / 31416	13.58	88610 / 652366
	Abnormal Interpretation Rate, at baseline exam (%)	16.43	2475 / 15065	16.61	51723 / 311480
	Abnormal Interpretation Rate, at annual exam (%)	10.72	1684 / 15702	10.69	35028 / 327777
Cancer Detection Rate (CDR) per 1000		2.71	85 / 31416	2.82	1842 / 652366
	prevalent cancers, detected at baseline exam	3.52	53 / 15065	3.47	1081 / 311480
	incident cancers, detected at annual exam	2.04	32 / 15702	2.49	815 / 327777
Positive Predictive Value 1 (PPV1)(%)		2.00	85 / 4253	2.08	1842 / 88610
	lung cancers detected on percutaneous biopsies (%)	58.75	47 / 80	60.09	843 / 1403
	lung cancers detected on bronchoscopies (%)	36.96	17 / 46	49.27	504 / 1023
	surgically detected lung cancers (%)	79.49	31 / 39	81.89	701 / 856

Physician 1780697441: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1780697441)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Positive Predictive Value 2a (PPV2a) (%)		0.58	20 / 3437	0.67	480 / 72057
Positive Predictive Value 2b (PPV2b) (%)		7.97	65 / 816	8.23	1362 / 16553
Positive Predictive Value 3 (PPV3) (%)		57.27	63 / 110	65.01	1312 / 2018
	presumptive case	57.27	0 / 0	65.01	1924 / 652366
	routine chest exam (mGy)	4.38	NA / 441	4.66	NA / 9214
	routine chest exam (mGy-cm)	151.83	NA / 444	141.72	NA / 9239
	low dose CT chest exam (mGy)	3.31	NA / 30388	3.33	NA / 630897
	low dose CT chest exam (mGy-cm)	95.05	NA / 30404	94.00	NA / 631603
	stage 0	2	NA / 91	17	NA / 1925
	stage IA, IA1, IA2, IA3, IB	39.56	36 / 91	38.65	744 / 1925
	stage IIA, IIB	5.49	5 / 91	8.05	155 / 1925
	stage IIIA, IIIB, IIIC	12.09	11 / 91	14.18	273 / 1925
	stage IV, IVA, IVB	10.99	10 / 91	9.61	185 / 1925
	stage unknown	29.67	27 / 91	28.62	551 / 1925
	obese class II (BMI of 35-39.9)(mGy)	3.63	NA / 2947	3.76	NA / 61063
	obese class III (BMI of 40 or greater)(mGy)	4.27	NA / 2033	4.36	NA / 41914
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 2945	1.00	NA / 61109
	obese class III (BMI of 40 or greater)(mGy-cm)	134.17	NA / 2036	129.63	NA / 41947

Physician 1780766014: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1780766014)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		.	39022	.	652366
Appropriateness of screening by USPSTF criteria (%)		91.25	35609 / 39022	91.18	594859 / 652366
Smoking cessation counselling offered (%)		74.98	29260 / 39022	75.18	490437 / 652366
	counselling offered among current smokers (%)	81.37	18124 / 22273	81.70	303845 / 371922
Radiation exposure - Mean CTDIvol	Overall (mGy)	3.34	NA / 38489	3.34	NA / 643835
	underweight (BMI <18.5)(mGy)	2.21	NA / 954	2.47	NA / 15587
	normal (BMI of 18.5-24.9)(mGy)	2.47	NA / 9176	2.61	NA / 152473
	overweight (BMI of 25-29.9)(mGy)	3.12	NA / 12016	3.14	NA / 203420
	obese class I (BMI of 30-34.9)(mGy)	3.87	NA / 8136	3.76	NA / 135686
Radiation exposure - Mean DLP	Overall	94.79	NA / 38539	94.67	NA / 644565
	underweight (BMI <18.5)(mGy-cm)	67.80	NA / 957	70.62	NA / 15624
	normal (BMI of 18.5-24.9)(mGy-cm)	76.90	NA / 9184	76.81	NA / 152692
	overweight (BMI of 25-29.9)(mGy-cm)	89.49	NA / 12032	89.30	NA / 203641
	obese class I (BMI of 30-34.9)(mGy-cm)	103.85	NA / 8143	104.68	NA / 135827
Abnormal Interpretation Rate (%)	(Lung-RADS 3, 4a, 4b, 4x)	13.50	5268 / 39022	13.58	88610 / 652366
	Abnormal Interpretation Rate, at baseline exam (%)	16.50	3075 / 18635	16.61	51723 / 311480
	Abnormal Interpretation Rate, at annual exam (%)	10.70	2095 / 19578	10.69	35028 / 327777
Cancer Detection Rate (CDR) per 1000		2.61	102 / 39022	2.82	1842 / 652366
	prevalent cancers, detected at baseline exam	3.01	56 / 18635	3.47	1081 / 311480
	incident cancers, detected at annual exam	2.66	52 / 19578	2.49	815 / 327777
Positive Predictive Value 1 (PPV1)(%)		1.94	102 / 5268	2.08	1842 / 88610
	lung cancers detected on percutaneous biopsies (%)	59.52	50 / 84	60.09	843 / 1403
	lung cancers detected on bronchoscopies (%)	49.02	25 / 51	49.27	504 / 1023
	surgically detected lung cancers (%)	72.55	37 / 51	81.89	701 / 856

Physician 1780766014: National Comparison
Exams performed during Jan-Dec 2020 with follow up through Mar 2021

		2020			
Measure		Physician (1780766014)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
Positive Predictive Value 2a (PPV2a) (%)		0.71	30 / 4254	0.67	480 / 72057
Positive Predictive Value 2b (PPV2b) (%)		7.10	72 / 1014	8.23	1362 / 16553
Positive Predictive Value 3 (PPV3) (%)		63.96	71 / 111	65.01	1312 / 2018
	presumptive case	63.96	0 / 0	65.01	1924 / 652366
	routine chest exam (mGy)	4.76	NA / 528	4.66	NA / 9214
	routine chest exam (mGy-cm)	141.77	NA / 531	141.72	NA / 9239
	low dose CT chest exam (mGy)	3.32	NA / 37760	3.33	NA / 630897
	low dose CT chest exam (mGy-cm)	94.13	NA / 37807	94.00	NA / 631603
	stage 0	0	NA / 103	17	NA / 1925
	stage IA, IA1, IA2, IA3, IB	46.60	48 / 103	38.65	744 / 1925
	stage IIA, IIB	7.77	8 / 103	8.05	155 / 1925
	stage IIIA, IIIB, IIIC	11.65	12 / 103	14.18	273 / 1925
	stage IV, IVA, IVB	8.74	9 / 103	9.61	185 / 1925
	stage unknown	25.24	26 / 103	28.62	551 / 1925
	obese class II (BMI of 35-39.9)(mGy)	3.82	NA / 3698	3.76	NA / 61063
	obese class III (BMI of 40 or greater)(mGy)	4.48	NA / 2555	4.36	NA / 41914
	obese class II (BMI of 35-39.9)(mGy-cm)	1.00	NA / 3702	1.00	NA / 61109
	obese class III (BMI of 40 or greater)(mGy-cm)	130.02	NA / 2561	129.63	NA / 41947

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